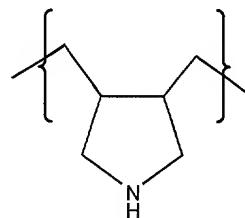


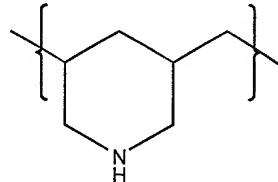
CLAIMS

What is claimed is:

1. A pharmaceutical composition comprising a polydiallylamine homopolymer, said homopolymer characterized in that the polymer is substantially free of alkylated amine monomers.
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2. The pharmaceutical composition of Claim 1 wherein said homopolymer is crosslinked by means of a multifunctional crosslinking agent, and said crosslinking agent is present in an amount from about 2.5-20% by weight, based upon the combined weight of monomer and crosslinking agent.
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3. The pharmaceutical composition of Claim 2 wherein said crosslinking agent comprises epichlorohydrin.
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4. The pharmaceutical composition of Claim 1 wherein the polydiallylamine homopolymer is characterized by one or more monomeric units of the formulae:
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(I)



(II)

or a combination thereof and salts thereof.

5. The pharmaceutical composition of Claim 4 wherein the monomeric units are in the free-base form.

6. The pharmaceutical composition of Claim 4 wherein the monomeric units are a salt or a partial salt.